



FortiAP-S and FortiAP-W2 5.4.3 Release Notes

VERSION 5.4.3

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Change Log

Date	Change Description
January 13, 2017	Initial release.

Introduction

This document provides the following information for FortiAP-S and FortiAP-W2 version 5.4.3 build 0166:

- [Supported models](#)
- [What's new in FortiAP-S and FortiAP-W2 5.4.3](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

For more information on upgrading your FortiAP device, see the *Deploying Wireless Networks for FortiOS 5.4* guide in the [Fortinet Document Library](#).

Supported models

FortiAP-S and FortiAP-W2 version 5.4.3 supports the following models:

FortiAP-S	FAP-S311C, FAP-S313C, FAP-S321C, FAP-S321CR, FAP-S322C, FAP-S322CR, FAP-S323C, FAP-S323CR, FAP-S421E, FAP-S422E, FAP-S423E
FortiAP-W2	FAP-421E, FAP-423E



FAP-421E and FAP-423E don't have UTM functionality.

What's new in FortiAP-S and FortiAP-W2 5.4.3

The following is a list of new features and enhancements in FortiAP-S and FortiAP-W2 version 5.4.3:

- Support "Wave 2" 802.11ac models: FAP-S421E, FAP-S422E, FAP-S423E, FAP-421E, FAP-423E.
- Support for DFS channels on more FAP SKUs:
 - FAP-S311C-K, FAP-S313C-K, FAP-S321C-K, FAP-S323C-K
 - FAP-S421E-E, FAP-S422E-E, FAP-S423E-E, FAP-421E-E, FAP-423E-E
 - FAP-S321C-I, FAP-S323C-I, FAP-S421E-I, FAP-S422E-I, FAP-S423E-I, FAP-421E-I, FAP-423E-I
- Support for 64-digit hexadecimal passphrase in WPA2-Personal SSID

The following features have been included in FortiCloud 3.1.0:

- OKC support for FortiCloud WPA2-Enterprise SSID with RADIUS authentication
- Dynamic VLAN support for FortiCloud WPA2-Enterprise SSID
- Support for time zone and day-light-saving settings from FortiCloud
- During firmware upgrade, FAP can download firmware image from a HTTPS server as instructed by FortiCloud.
- Bonjour Relay services

Upgrade Information

Upgrading from FortiAP-S version 5.4.2 or later

FortiAP-S 5.4.3 supports upgrading from 5.4.2.

Downgrading to previous firmware versions

FortiAP-S 5.4.3 does not support downgrading to previous firmware versions.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product Integration and Support

FortiAP-S and FortiAP-W2 5.4.3 support

The following table lists FortiAP-S and FortiAP-W2 version 5.4.3 product integration and support information.

FortiAP-S and FortiAP-W2 5.4.3 support

Web Browsers	<ul style="list-style-type: none">• Microsoft Internet Explorer version 11• Mozilla Firefox version 41• Google Chrome version 47• Safari version 8 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p>
FortiOS	5.4.2 and later

Resolved Issues

The following issues have been fixed in version 5.4.3. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
0308298	FAP-S could not establish mesh connection to root AP if mesh SSID has disabled broadcast.
0304051	URL filter in Web Access advanced configuration should have higher priority than category setting on FAP-S.
0382751	FAP-S IPS Engine has been upgraded.
-	Multiple bug fixes from regular FortiAP 5.4.2 release.

Common vulnerabilities and exposures

FortiAP-S and FortiAP-W2 5.4.3 are no longer vulnerable to the following CVE Reference:

- 2016-6308
- 2016-6307
- 2016-6306
- 2016-6305
- 2016-6304
- 2016-6303
- 2016-6302
- 2016-2183
- 2016-2182
- 2016-2181
- 2016-2180
- 2016-2179
- 2016-2178
- 2016-2177

Visit <https://fortiguard.com/psirt> for more information.

Known Issues

The following issues have been identified in version 5.4.3. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
0276655	The USB port on all FortiAP-S models is disabled.
0374645	FAP-S models do not support spectrum-analysis feature.
0400441	"Wave 2" FAP/FAP-S models cannot customize data rate and MCS index settings.



High Performance Network Security



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